



#35/7
1646 Dmt T
2-19-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Baron et al.

Serial No: 09/021,660

Filed: February 10, 1998

For: Methods for Modulating
Hematopoiesis and Vascular Growth

Attorney Docket No. HUIP-P01-060

Art Unit: 1646

Examiner: C. Kaufman

TECH CENTER 1600/2900

FEB 05 2002

RECEIVED

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: Assistant Commissioner for Patents Washington, D.C. 20231 on the date indicated below:

January 15, 2002

Date of Signature
and of Mail Deposit

Karen DiRocco

Assistant Commissioner of Patents
Washington, D.C. 20231

COPY OF PAPERS
ORIGINALLY FILED

REPLY UNDER 37 CFR 1.111

Sir:

This amendment is being filed in reply to the outstanding Office Action, mailed November 15, 2001, in connection with the above application. Please enter the following amendments:

In the claims:

For the convenience of the Examiner, all claims being examined, whether or not amended, are presented below.

71 57. (Twice Amended) A method of stimulating a population of undifferentiated mammalian mesodermally derived cells to undergo hematopoiesis, comprising contacting the cells with an amount of a hedgehog compound effective to stimulate the cells to undergo hematopoiesis, wherein the hedgehog compound comprises a polypeptide sequence at least 80% identical to a sequence selected from SEQ ID NO: 34, SEQ ID NO: 35, SEQ ID NO: 36, SEQ ID NO: 37,